

## Flood Crest Occurences by One Foot Intervals: Pequannock River at Macopin Intake Dam

Latitude: 41.018

Flood Stage: 5.5

Period of Record: 1898-Present

Last Flood: 2/25/2016

Longitude: -74.401

Number of Floods: 40

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
5.5 ft to 6.49 ft	24
6.5 ft to 7.49 ft	3
7.5 ft to 8.49 ft	1
8.5 ft to 9.49 ft	0
9.5 ft to 10.49 ft	0
10.5 ft to 11.49 ft	0
11.5 ft to 12.49 ft	0
12.5 ft to 13.49 ft	0
13.5 ft to 14.49 ft	0
14.5 ft to 15.49 ft	9

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
15.5 ft to 16.49 ft	1
16.5 ft to 17.49 ft	2
17.5 ft to 18.49 ft	0
18.5 ft to 19.49 ft	0
19.5 ft to 20.49 ft	0
20.5 ft to 21.49 ft	0
21.5 ft to 22.49 ft	0
22.5 ft to 23.49 ft	0
23.5 ft to 24.49 ft	0
24.5 ft to 25.49 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
25.5 ft to 26.49 ft	0
26.5 ft to 27.49 ft	0
27.5 ft to 28.49 ft	0
28.5 ft to 29.49 ft	0
29.5 ft to 30.49 ft	0
30.5 ft to 31.49 ft	0
31.5 ft to 32.49 ft	0
32.5 ft to 33.49 ft	0
33.5 ft to 34.49 ft	0
34.5 ft to 35.49 ft	0

Drainage Area: 63.7 sq mi  
Gage Datum: 549.17 ft MSL

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Data represents all historical floods.  
Passaic Basin

County of Gage: Passaic  
County of Forecast Point: Passaic

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Last Flood: 2/25/2016

Number of Floods: 40

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
5.5 ft to 6.49 ft	24	60
6.5 ft to 7.49 ft	3	7.5
7.5 ft to 8.49 ft	1	2.5
8.5 ft to 9.49 ft	0	0
9.5 ft to 10.49 ft	0	0
10.5 ft to 11.49 ft	0	0
11.5 ft to 12.49 ft	0	0
12.5 ft to 13.49 ft	0	0
13.5 ft to 14.49 ft	0	0
14.5 ft to 15.49 ft	9	22.5
15.5 ft to 16.49 ft	1	2.5
16.5 ft to 17.49 ft	2	5
17.5 ft to 18.49 ft	0	0
18.5 ft to 19.49 ft	0	0
19.5 ft to 20.49 ft	0	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
20.5 ft to 21.49 ft	0	0
21.5 ft to 22.49 ft	0	0
22.5 ft to 23.49 ft	0	0
23.5 ft to 24.49 ft	0	0
24.5 ft to 25.49 ft	0	0
25.5 ft to 26.49 ft	0	0
26.5 ft to 27.49 ft	0	0
27.5 ft to 28.49 ft	0	0
28.5 ft to 29.49 ft	0	0
29.5 ft to 30.49 ft	0	0
30.5 ft to 31.49 ft	0	0
31.5 ft to 32.49 ft	0	0
32.5 ft to 33.49 ft	0	0
33.5 ft to 34.49 ft	0	0
34.5 ft to 35.49 ft	0	0

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Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence
5.5 ft to 6.49 ft	40	100
6.5 ft to 7.49 ft	16	40
7.5 ft to 8.49 ft	13	32.5
8.5 ft to 9.49 ft	12	30
9.5 ft to 10.49 ft	12	30
10.5 ft to 11.49 ft	12	30
11.5 ft to 12.49 ft	12	30
12.5 ft to 13.49 ft	12	30
13.5 ft to 14.49 ft	12	30
14.5 ft to 15.49 ft	12	30
15.5 ft to 16.49 ft	3	7.5
16.5 ft to 17.49 ft	2	5
17.5 ft to 18.49 ft	0	0
18.5 ft to 19.49 ft	0	0
19.5 ft to 20.49 ft	0	0

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
20.5 ft to 21.49 ft	0	0
21.5 ft to 22.49 ft	0	0
22.5 ft to 23.49 ft	0	0
23.5 ft to 24.49 ft	0	0
24.5 ft to 25.49 ft	0	0
25.5 ft to 26.49 ft	0	0
26.5 ft to 27.49 ft	0	0
27.5 ft to 28.49 ft	0	0
28.5 ft to 29.49 ft	0	0
29.5 ft to 30.49 ft	0	0
30.5 ft to 31.49 ft	0	0
31.5 ft to 32.49 ft	0	0
32.5 ft to 33.49 ft	0	0
33.5 ft to 34.49 ft	0	0
34.5 ft to 35.49 ft	0	0

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